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August 12, 2003

WRITER'S DIRECT NUMBER: (202) 772-8831 **INTERNET ADDRESS:** JWEAVER@SKGF.COM

Art Unit: 2822

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Re:

U.S. Utility Patent Application

Appl. No. 09/849,537; Filed: May 7, 2001

Die-up Ball Grid Array Package With a Heat Spreader and Method

for Making the Same

Inventors:

Zhang et al.

Our Ref:

1875.0370000

Sir:

Transmitted herewith for appropriate action are the following documents:

1. PTO Fee Transmittal (Form PTO/SB/17);

2. Fourth Supplemental Information Disclosure Statement;

Form PTO-1449 listing fourteen (14) cited documents (2 sheets); 3.

Copies of the cited documents listed on Form PTO-1449 (AA1-AK1, AA2-AC2); 4.

5. Return postcard; and

Form PTO-2038 Credit Card Payment Form for \$180.00 to cover fee for submission of IDS.

It is respectfully requested that the attached postcard be stamped with the date of filing of these documents, and that it be returned to our courier. In the event that extensions of time are

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Commissioner for Patents August 12, 2003 Page 2

necessary to prevent abandonment of this patent application, then such extensions of time are hereby petitioned.

The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.

Jeffrey S. Weaver

Attorney for Applicants

Registration No. 45,608

JSW/asl Enclosures

SKGF_DC1:166122.1

PTO/SB/17 (05-03)
Approved for use through 4/30/2003. OMB 0651-0032
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no person

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No.	FEE TRANSMITTAL
12 12 10	for FY 2003 Satent fees are subject to annual revision.
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Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMEN	ĮΤ
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(\$)180.00

s are required to respond to a c	offection of information unless it displays a valid OMB control number.
	Complete if Known
Application Number	09/849,537
Filing Date	May 7, 2001
First Named Inventor	Tonglong Zhang
Examiner Name	Monica Lewis
Art Unit	2822
Attorney Docket No.	1875.0370000

(v) reside		Attorney Docket No. 1875.0370000					
METHOD OF PAYMENT (check all that apply)		FEE CALCULATION (continued)					
□ Check ☐ Credit card □ Money Order ☐ Other** □ None	3. A	3. ADDITIONAL FEES					
** Charge any deficiencies or credit any overpayments in the fees or fee	Larg	Large Entity Small Entity					
calculations of Parts 1, 2 and 3 below to Deposit Account No. 19-0036. Deposit Account	Fee Code	Fee Fee (\$) Co			Fee Description		Fee Paid
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Deposit Account Name: Sterne, Kessler, Goldstein & Fox P.L.L.C.	105		2051	65	Surcharge - late filing for		
The Commissioner is authorized to: (check all that apply)	1502	2 50	2052	25	Surcharge-late provision sheet	onal filing fee or cover	
☐ Charge fee(s) indicated below ☐ Credit any over payments	1053	3 130	1053	130	Non-English specificati	on	
☐ Charge any additional fee(s) during the pendency of this application	1812	2,520	1812	2,520	For filing a request for	ex parte reexamination	
☐ Charge fee(s) indicated below, except for the filing fee to the	1804	920*	1804	920*	Requesting publication action	of SIR prior to Examiner	
above-identified deposit account.	180	5 1,840*	1805	1,840*		of SIR after Examiner	
					action		
	125		2251	55	Extension for reply with		
	125		2252	205	Extension for reply with		
FEE CALCULATION	125		2253	465	Extension for reply with		
1. BASIC FILING FEE	1254	•	2254	725	Extension for reply with		
Large Entity Small Entity	1255	1,970	2255	985	Extension for reply with	nin fifth month	
Fee Fee Fee Fee Fee Description Fee Pald Code (\$) Code (\$)	140	1 320	2401	160	Notice of Appeal		
1001 750 2001 375 Utility filing fee	140	2 320	2402	160	Filing a brief in support	of an appeal	
1002 330 2002 165 Design filing fee	140	3 280	2403	140	Request for oral hearing	ng	
1003 520 2003 260 Plant filing fee	145	1 1,510	1451	1,510	Petition to institute a pr	ublicuse proceeding	
1004 750 2004 375 Reissue filing fee	145	2 110	2452	55	Petition to revive - una	voidajile	
1105 160 2005 80 Provisional filing fee	145	3 1,300	2453	650	Petition to revive - unir	ntentional = A	
' SUBTOTAL (1) (\$)	150	1 1,300	2501	650	Utility issue fee (or reis	sue) S S C	
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE	150	2 470	2502	235	Design issue fee	A EN	
Fee from Extra below Fee Paid	150	3 630	2503	315	Plant issue fee	1 7 1	
Total Claims 20** = X =						2003 NTEF	
Indep. Claims 3** = X =	146	0 - 130	1460	130	Petitions to the Commi	issione	
Multiple Dependent =	180	7 50	1807	50	Processing fee under 3	37 CFR (q)	
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Fee Fee Fee Fee Fee Description Code (\$) Code (\$)	802	1 40	8021	40	Recording each patent property (times numbe	assignment per	
1202 18 2202 9 Claims in excess of 20	180	9 750	2809	375	Filing a submission after	er final rejection (37 CFR	
1201 84 2201 42 Independent claims in excess of 3	بندا	. 750	2040	075	1.129(a))		
1203 280 2203 140 Multiple dependent claim, if not paid	181	0 750	2810	375	For each additional inv (37 CFR 1.129(b))	ention to be examined	
1204 84 2204 42 **Reissue independent claims over original patent	180	1 750	2801	375	Request for Continued	Examination (RCE)	
1205 18 2205 9 **Reissue claims in excess of 20	180	2 900	1802	900	Request for expedited	examination of a design	
and over original patent	Q11		 		application		
SUBTOTAL (2) (\$)	Othe	r fee (spe	сіту)				
**or number previously paid, if greater; For Reissue, see above	* Re	duced by	Basic	Filing F	ee Paid	SUBTOTAL (3) (\$) <u>18</u>	0.00
SUBMITTED BY						Complete (if applicable)	
Name (Print/Type) Jeffrey S. Weaver		Registration No. (Attorney/Agent) 45,608			Telephone 202-371	-2600	
Signature Date 8-12-03							-03
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